

INTERMODAL NETWORK Freight Rail

FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
GIS SPATIAL INFORMATION			
SHAPE	Caltrans State Highway Coverage	Internal Arcview Code -- Type of Shape file	ESRI proprietary format
CO	Caltrans GIS Center	Caltrans District code	Numeric
DIST	Caltrans GIS Center	Caltrans County code	Text
ROWOWNER	Caltrans GIS Center	Identifies the railroad operator who controls a railroad right-of-way.	Text
		ARZC = Arizona and California Railroad Company	
		BNSF = Burlington Northern and Santa Fe Railway	
		CALT = Caltrain	
		CRNR = California Northern Railroad Company	
		CORP = Central Oregon & Pacific	
		LCR = Lake County Railroad	
		OTR = Oakland Terminal Railway	
		PHL = Pacific Harbor	
		SCRR = Southern California Railroad Authority	
		SDIV = San Diego and Imperial Valley Railroad	
		SDNR = San Diego Northern Railroad	
		SJVR = San Joaquin Valley Railroad	
		UP = Union Pacific Railroad	
		West = West Isle Line	
RRCLASS	Caltrans GIS Center	Numeric code identifying railroad class. 1 = Mainline Railroad, 7 = Rapid Transit line	Numeric
TRKTYPE	Caltrans GIS Center	Numeric code used to indentify track type. 1 = Principal through tracks, 7 = Prinicipal Commuter	Numeric
STATUS	Caltrans GIS Center	Numeric code used to identify the status of a particular railroad line. 1 = Active, 2 = Under Construction	Numeric
PRAIL	Caltrans GIS Center	Identifies any railroad line which carries passenger rail traffic. 0 = No, 1 = Yes	Numeric
COMM	Caltrans GIS Center	Identifies any railroad line which carries commuter passenger traffic. 0 = No, 1 = Yes	Numeric
ITMS	Caltrans GIS Center	ITMS code	Text
CLASS	Caltrans GIS Center	Class of service.	Numeric

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TYPE	Caltrans GIS Center	Type of operator.	Numeric
INTERCITY	Caltrans GIS Center	Intercity type of service.	Text
PASS_RAIL	Caltrans GIS Center	Passenger rail type of service	Text
FREIGHT	Caltrans GIS Center	Freight type of service.	Text
ISEG	Caltrans GIS Center	Internal GIS code	Numeric
MAXGRWT	Official Railway Guide	Maximum gross weight, in pounds	Numeric
TDM_ID	Internal ITMS join code	ITMS code used to join ITMS railroad spatial data to the freight rail attributes data	Numeric
TOTAL_LINE	Caltrans GIS Center	Total routes using facility	Numeric
COMMUTER	Caltrans GIS Center	Commuter type of service	Text
OTH_AMTK	Caltrans GIS Center	Other Amtrak type of service.	Text
ST_SUB_AM	Caltrans GIS Center	State subsidized Amtrak.	Text
OPERATOR	Caltrans GIS Center	Passenger rail operator	Numeric
ITMS_ID	ITMS Team	ITMS join code	Numeric
RAIL_ID	Internal ITMS join code	No longer used	
OPENS	ITMS Team	Analysis year the facility opens (0=Existing Facility)	Numeric
CLOSES	ITMS Team	Analysis year the facility closes (0=Existing Facility)	Numeric
ICRAILCODE	ITMS Team	ITMS code used to join ITMS railroad spatial data to the Amtrak rail attributes data	
GIS_ID	ITMS Team	Unique identifier required for mode shift model, also used to join passenger rail and Amtrak spatial shape files to respective attribute tables.	Numeric
F_LENGTH	Regional Travel Demand Model	Feature length of demand segment in miles.	Numeric
FNODE_	Caltrans GIS Center	Internal ARC/INFO Code -- From node	Numeric
TNODE_	Caltrans GIS Center	Internal ARC/INFO Code -- To node	Numeric
I_PAX_SPD	Caltrans Division of Rail Trackage Maps	Posted speed for passenger trains	Numeric
I_FRT_SPD	Caltrans Division of Rail Trackage Maps	Posted speed for freight trains	Numeric
I_NODE1	Caltrans Division of Rail Trackage Maps	Beginning node	Numeric
I_NODE2	Caltrans Division of Rail Trackage Maps	Ending node	Numeric

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FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
I_MP1	Caltrans Division of Rail Trackage Maps	Beginning milepost	Numeric
I_MP2	Caltrans Division of Rail Trackage Maps	Ending milepost	Numeric
F_CURVES	Caltrans Division of Rail Trackage Maps	Curve 1 = Straight; 2 = Few Curves; 3 = Many Curves	Numeric
I_STATIONS	Caltrans Division of Rail Trackage Maps	Presence of a station on the segment	
I_PIPE_ROW	Caltrans Division of Rail Trackage Maps	Presence of a pipeline along the right of way.	Boolean
C_TRACKS	Caltrans Division of Rail Trackage Maps	Number of mainline tracks	Numeric
F_WDT_REST	Caltrans Division of Rail Trackage Maps	Width restriction	Numeric
F_HT_REST	Caltrans Division of Rail Trackage Maps	Height at which a width restriction occurs	Numeric
F_ATC	Caltrans Division of Rail Trackage Maps	Train automatic train control description	Numeric
ITMS DATA ONLY			
JOINRAIL			
FRT_DIR_A	ITMS Freight Traffic Database	Identification for Direction 'A' freight	Text
FRT_DIR_B	ITMS Freight Traffic Database	Identification for Direction 'B' freight	Text
JOINRAILA	ITMS Team	Code used in Freight Flow Processor	Text
JOINRAILB	ITMS Team	Code used in Freight Flow Processor	Text
TOTRAILTN	ITMS Freight Traffic Database	Total annual rail tons in both Directions	Numeric
TOTIMXTON	ITMS Freight Traffic Database	Total annual intermodal tons in 'A' Direction	Numeric
TOTANNTON	ITMS Freight Traffic Database	Total annual tons in both Directions	Numeric
A_RAILTN	ITMS Freight Traffic Database	Total annual rail tons in 'A' Direction	Numeric
A_IMX_TN	ITMS Freight Traffic Database	Total annual intermodal tons in 'A' Direction	Numeric
A_TOTTON	ITMS Freight Traffic Database	Total annual tons in 'A' Direction	Numeric
A_NAIC111	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 111 -- Crop Production	Numeric
A_NAIC112	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 112 -- Animal Production	Numeric

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FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
A_NAIC113	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 113 -- Forestry and Logging	Numeric
A_NAIC114	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 114 -- Fishing, Hunting, and Trapping	Numeric
A_NAIC211	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 211 -- Oil and Gas Extraction	Numeric
A_NAIC212	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 212 -- Mining (Except Oil and Gas Extraction)	Numeric
A_NAIC311	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 311 -- Food Mfg	Numeric
A_NAIC312	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 312 -- Beverage and Tobacco Product Mfg	Numeric
A_NAIC313	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 313 -- Textile Mills	Numeric
A_NAIC314	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 314 -- Textile Product Mills	Numeric
A_NAIC315	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 315 -- Apparel Mfg	Numeric
A_NAIC316	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 316 -- Leather and Allied Product Mfg	Numeric
A_NAIC321	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 321 -- Wood Product Mfg	Numeric
A_NAIC322	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 322 -- Paper Mfg	Numeric
A_NAIC323	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 323 -- Printing and Related Support Activities	Numeric
A_NAIC324	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 324 -- Petroleum and Coal Products Mfg	Numeric
A_NAIC325	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 325 -- Chemical Mfg	Numeric
A_NAIC326	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 326 -- Plastics and Rubber Products Mfg	Numeric
A_NAIC327	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 327 -- Nonmetallic Mineral Product Mfg	Integer
A_NAIC331	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 331 -- Primary Metal Mfg	Numeric
A_NAIC332	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 332 -- Fabricated Metal Product Mfg	Numeric

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FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
A_NAIC333	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 333 -- Machinery Mfg	Numeric
A_NAIC334	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 334 -- Computer and Electronic Product Mfg	Numeric
A_NAIC335	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 335 -- Electrical Equipment, Appliance, and Component Mfg	Numeric
A_NAIC336	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 336 -- Transportation Equipment Mfg	Numeric
A_NAIC337	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 337 -- Furniture and Related Product Mfg	Numeric
A_NAIC339	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 339 -- Miscellaneous Mfg	Numeric
A_NAIC421	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 421 -- Wholesale Trade, Durable Goods	Numeric
A_NAIC482	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 482 -- Rail Transportation	Numeric
A_NAIC511	ITMS Freight Traffic Database	Total annual tons traveling in the 'A' Direction for three-digit NAICS commodity code 511 -- Publishing Industries	Numeric
B_RAILTN	ITMS Freight Traffic Database	Total annual rail tons in 'B' Direction	Numeric
B_IMX_TN	ITMS Freight Traffic Database	Total annual intermodal tons in 'B' Direction	Numeric
B_TOTTON	ITMS Freight Traffic Database	Total annual tons in 'B' Direction	Numeric
B_NAIC111	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 111 -- Crop Production	Numeric
B_NAIC112	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 112 -- Animal Production	Numeric
B_NAIC113	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 113 -- Forestry and Logging	Numeric
B_NAIC114	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 114 -- Fishing, Hunting, and Trapping	Numeric
B_NAIC211	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 211 -- Oil and Gas Extraction	Numeric
B_NAIC212	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 212 -- Mining (Except Oil and Gas Extraction)	Numeric
B_NAIC311	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 311 -- Food Mfg	Numeric
B_NAIC312	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 312 -- Beverage and Tobacco Product Mfg	Numeric

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FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
B_NAIC313	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 313 -- Textile Mills	Numeric
B_NAIC314	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 314 -- Textile Product Mills	Numeric
B_NAIC315	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 315 -- Apparel Mfg	Numeric
B_NAIC316	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 316 -- Leather and Allied Product Mfg	Numeric
B_NAIC321	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 321 -- Wood Product Mfg	Numeric
B_NAIC322	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 322 -- Paper Mfg	Numeric
B_NAIC323	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 323 -- Printing and Related Support Activities	Numeric
B_NAIC324	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 324 -- Petroleum and Coal Products Mfg	Numeric
B_NAIC325	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 325 -- Chemical Mfg	Numeric
B_NAIC326	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 326 -- Plastics and Rubber Products Mfg	Numeric
B_NAIC327	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 327 -- Nonmetallic Mineral Product Mfg	Numeric
B_NAIC331	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 331 -- Primary Metal Mfg	Numeric
B_NAIC332	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 332 -- Fabricated Metal Product Mfg	Numeric
B_NAIC333	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 333 -- Machinery Mfg	Numeric
B_NAIC334	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 334 -- Computer and Electronic Product Mfg	Numeric
B_NAIC335	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 335 -- Electrical Equipment, Appliance, and Component Mfg	Numeric
B_NAIC336	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 336 -- Transportation Equipment Mfg	Numeric
B_NAIC337	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 337 -- Furniture and Related Product Mfg	Numeric
B_NAIC339	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 339 -- Miscellaneous Mfg	Numeric

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B_NAIC482	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 482 -- Rail Transportation	Numeric
B_NAIC511	ITMS Freight Traffic Database	Total annual tons traveling in the 'B' Direction for three-digit NAICS commodity code 511 -- Publishing Industries	Numeric
DLY_AP	Field Null	Code used to access freight database for the Freight Flow Processor	Numeric
DLY_TP	Field Null	Code used to access freight database for the Freight Flow Processor	Numeric